

SEQUENCE LISTING

<110> GeneProt, Inc.
Bougueleret, Lydie
Cusin, Isabelle

<120> SECRETED POLYPEPTIDE SPECIES REDUCED IN CARDIOVASCULAR DISORDERS

<130> 5031-WO01

<150> US 60/438,643

<151> 2003-01-07

<160> 5

<170> PatentIn version 3.1

<210> 1

<211> 466

<212> PRT

<213> Homo sapiens

<400> 1

Met Val Arg Ser Val Ala Trp Ala Gly Phe Met Val Leu Leu Met Ile
1 5 10 15

Pro Trp Gly Ser Ala Ala Lys Leu Val Cys Tyr Phe Thr Asn Trp Ala
20 25 30

Gln Tyr Arg Gln Gly Glu Ala Arg Phe Leu Pro Lys Asp Leu Asp Pro
35 40 45

Ser Leu Cys Thr His Leu Ile Tyr Ala Phe Ala Gly Met Thr Asn His
50 55 60

Gln Leu Ser Thr Thr Glu Trp Asn Asp Glu Thr Leu Tyr Gln Glu Phe
65 70 75 80

Asn Gly Leu Lys Lys Met Asn Pro Lys Leu Lys Thr Leu Leu Ala Ile
85 90 95

Gly Gly Trp Asn Phe Gly Thr Gln Lys Phe Thr Asp Met Val Ala Thr
100 105 110

Ala Asn Asn Arg Gln Thr Phe Val Asn Ser Ala Ile Arg Phe Leu Arg
115 120 125

Lys Tyr Ser Phe Asp Gly Leu Asp Leu Asp Trp Glu Tyr Pro Gly Ser
130 135 140

Gln Gly Ser Pro Ala Val Asp Lys Glu Arg Phe Thr Thr Leu Val Gln
145 150 155 160

Asp Leu Ala Asn Ala Phe Gln Gln Glu Ala Gln Thr Ser Gly Lys Glu
165 170 175

Arg Leu Leu Leu Ser Ala Ala Val Pro Ala Gly Gln Thr Tyr Val Asp
 180 185 190
 Ala Gly Tyr Glu Val Asp Lys Ile Ala Gln Asn Leu Asp Phe Val Asn
 195 200 205
 Leu Met Ala Tyr Asp Phe His Gly Ser Trp Glu Lys Val Thr Gly His
 210 215 220
 Asn Ser Pro Leu Tyr Lys Arg Gln Glu Glu Ser Gly Ala Ala Ala Ser
 225 230 235 240
 Leu Asn Val Asp Ala Ala Val Gln Gln Trp Leu Gln Lys Gly Thr Pro
 245 250 255
 Ala Ser Lys Leu Ile Leu Gly Met Pro Thr Tyr Gly Arg Ser Phe Thr
 260 265 270
 Leu Ala Ser Ser Ser Asp Thr Arg Val Gly Ala Pro Ala Thr Gly Ser
 275 280 285
 Gly Thr Pro Gly Pro Phe Thr Lys Glu Gly Gly Met Leu Ala Tyr Tyr
 290 295 300
 Glu Val Cys Ser Trp Lys Gly Ala Thr Lys Gln Arg Ile Gln Asp Gln
 305 310 315 320
 Lys Val Pro Tyr Ile Phe Arg Asp Asn Gln Trp Val Gly Phe Asp Asp
 325 330 335
 Val Glu Ser Phe Lys Thr Lys Val Ser Tyr Leu Lys Gln Lys Gly Leu
 340 345 350
 Gly Gly Ala Met Val Trp Ala Leu Asp Leu Asp Asp Phe Ala Gly Phe
 355 360 365
 Ser Cys Asn Gln Gly Arg Tyr Pro Leu Ile Gln Thr Leu Arg Gln Glu
 370 375 380
 Leu Ser Leu Pro Tyr Leu Pro Ser Gly Thr Pro Glu Leu Glu Val Pro
 385 390 395 400
 Lys Pro Gly Gln Pro Ser Glu Pro Glu His Gly Pro Ser Pro Gly Gln
 405 410 415
 Asp Thr Phe Cys Gln Gly Lys Ala Asp Gly Leu Tyr Pro Asn Pro Arg
 420 425 430
 Glu Arg Ser Ser Phe Tyr Ser Cys Ala Ala Gly Arg Leu Phe Gln Gln
 435 440 445
 Ser Cys Pro Thr Gly Leu Val Phe Ser Asn Ser Cys Lys Cys Cys Thr
 450 455 460
 Trp Asn
 465

<210> 2
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 <213> Homo sapiens

<400> 2

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Lys Leu Val Cys Tyr Phe Thr Asn Trp Ala Gln Tyr Arg Gln Gly Glu
1          5          10          15

Ala Arg Phe Leu Pro Lys Asp Leu Asp Pro Ser Leu Cys Thr His Leu
20          25          30

Ile Tyr Ala Phe Ala Gly Met Thr Asn His Gln Leu Ser Thr Thr Glu
35          40          45

Trp Asn Asp Glu Thr Leu Tyr Gln Glu Phe Asn Gly Leu Lys Lys Met
50          55          60

Asn Pro Lys Leu Lys Thr Leu Leu Ala Ile Gly Gly Trp Asn Phe Gly
65          70          75          80

Thr Gln Lys Phe Thr Asp Met Val Ala Thr Ala Asn Asn Arg Gln Thr
85          90          95

Phe Val Asn Ser Ala Ile Arg Phe Leu Arg Lys Tyr Ser Phe Asp Gly
100         105         110

Leu Asp Leu Asp Trp Glu Tyr Pro Gly Ser Gln Gly Ser Pro Ala Val
115         120         125

Asp Lys Glu Arg Phe Thr Thr Leu Val Gln Asp Leu Ala Asn Ala Phe
130         135         140

Gln Gln Glu Ala Gln Thr Ser Gly Lys Glu Arg Leu Leu Leu Ser Ala
145         150         155         160

Ala Val Pro Ala Gly Gln Thr Tyr Val Asp Ala Gly Tyr Glu Val Asp
165         170         175

Lys Ile Ala Gln Asn Leu Asp Phe Val Asn Leu Met Ala Tyr Asp Phe
180         185         190

His Gly Ser Trp Glu Lys Val Thr Gly His Asn Ser Pro Leu Tyr Lys
195         200         205

Arg Gln Glu Glu Ser Gly Ala Ala Ala Ser Leu Asn Val Asp Ala Ala
210         215         220

Val Gln Gln Trp Leu Gln Lys Gly Thr Pro Ala Ser Lys Leu Ile Leu
225         230         235         240

Gly Met Pro Thr Tyr Gly Arg Ser Phe Thr Leu Ala Ser Ser Ser Asp
245         250         255

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Thr Arg Val Gly Ala Pro Ala Thr Gly Ser Gly Thr Pro Gly Pro Phe
 260 265 270
 Thr Lys Glu Gly Gly Met Leu Ala Tyr Tyr Glu Val Cys Ser Trp Lys
 275 280 285
 Gly Ala Thr Lys Gln Arg Ile Gln Asp Gln Lys Val Pro Tyr Ile Phe
 290 295 300
 Arg Asp Asn Gln Trp Val Gly Phe Asp Asp Val Glu Ser Phe Lys Thr
 305 310 315 320
 Lys Val Ser Tyr Leu Lys Gln Lys Gly Leu Gly Gly Ala Met Val Trp
 325 330 335
 Ala Leu Asp Leu Asp Asp Phe Ala Gly Phe Ser Cys Asn Gln Gly Arg
 340 345 350
 Tyr Pro Leu Ile Gln Thr Leu Arg Gln Glu Leu Ser Leu Pro Tyr Leu
 355 360 365
 Pro Ser Gly Thr Pro Glu Leu Glu Val Pro Lys Pro Gly Gln Pro Ser
 370 375 380
 Glu Pro Glu His Gly Pro Ser Pro Gly Gln Asp Thr Phe Cys Gln Gly
 385 390 395 400
 Lys Ala Asp Gly Leu Tyr Pro Asn Pro Arg Glu Arg Ser Ser Phe Tyr
 405 410 415
 Ser Cys Ala Ala Gly Arg Leu Phe Gln Gln Ser Cys Pro Thr Gly Leu
 420 425 430
 Val Phe Ser Asn Ser Cys Lys Cys Cys Thr Trp Asn
 435 440

<210> 3
 <211> 146
 <212> PRT
 <213> Homo sapiens

<400> 3

Met Asn Pro Lys Leu Lys Thr Leu Leu Ala Ile Gly Gly Trp Asn Phe
 1 5 10 15
 Gly Thr Gln Lys Phe Thr Asp Met Val Ala Thr Ala Asn Asn Arg Gln
 20 25 30
 Thr Phe Val Asn Ser Ala Ile Arg Phe Leu Arg Lys Tyr Ser Phe Asp
 35 40 45
 Gly Leu Asp Leu Asp Trp Glu Tyr Pro Gly Ser Gln Gly Ser Pro Ala
 50 55 60

Val Asp Lys Glu Arg Phe Thr Thr Leu Val Gln Asp Leu Ala Asn Ala
65 70 75 80

Phe Gln Gln Glu Ala Gln Thr Ser Gly Lys Glu Arg Leu Leu Leu Ser
85 90 95

Ala Ala Val Pro Ala Gly Gln Thr Tyr Val Asp Ala Gly Tyr Glu Val
100 105 110

Asp Lys Ile Ala Gln Asn Leu Asp Phe Val Asn Leu Met Ala Tyr Asp
115 120 125

Phe His Gly Ser Trp Glu Lys Val Thr Gly His Asn Ser Pro Leu Tyr
130 135 140

Lys Arg
145

<210> 4
<211> 102
<212> PRT
<213> Homo sapiens

<400> 4

Tyr Ser Phe Asp Gly Leu Asp Leu Asp Trp Glu Tyr Pro Gly Ser Gln
1 5 10 15

Gly Ser Pro Ala Val Asp Lys Glu Arg Phe Thr Thr Leu Val Gln Asp
20 25 30

Leu Ala Asn Ala Phe Gln Gln Glu Ala Gln Thr Ser Gly Lys Glu Arg
35 40 45

Leu Leu Leu Ser Ala Ala Val Pro Ala Gly Gln Thr Tyr Val Asp Ala
50 55 60

Gly Tyr Glu Val Asp Lys Ile Ala Gln Asn Leu Asp Phe Val Asn Leu
65 70 75 80

Met Ala Tyr Asp Phe His Gly Ser Trp Glu Lys Val Thr Gly His Asn
85 90 95

Ser Pro Leu Tyr Lys Arg
100

<210> 5
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<212> PRT
<213> Homo sapiens

<400> 5

Phe Thr Thr Leu Val Gln Asp Leu Ala Asn Ala Phe Gln Gln Glu Ala
1 5 10 15

Gln Thr Ser Gly Lys
20

Table 1

Peptide Sequence (SEQ ID NO:5)	CEX	Salt	RP1	% B	Run #
FTTLVQDLANAFQQEAQTSGK	9	175 mM	16	49.0	154234_15
FTTLVQDLANAFQQEAQTSGK	9	175 mM	16	49.0	154234_13
FTTLVQDLANAFQQEAQTSGK	9	175 mM	20	56.7	130966_07
FTTLVQDLANAFQQEAQTSGK	9	175 mM	16	49.0	154234_16
FTTLVQDLANAFQQEAQTSGK	9	175 mM	16	49.0	154234_14
FTTLVQDLANAFQQEAQTSGK	9	175 mM	16	49.0	154234_12